

Converting Colors

XYZ(26.0817, 24.8778, 13.3568)

Have a look what the booklet for
XYZ(26.0817, 24.8778, 13.3568)
contains.

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Color

**XYZ(26.1008, 24.8909,
13.3263)**

Conversions

Conversions Part 1

Format	Color
Hex	A9815B
RGB	169, 129, 91
RGB Percent	66%, 51%, 36%
CMY	0.3373, 0.4941, 0.6431
CMYK	0.00, 0.24, 0.46, 0.34
HSL	29°, 31%, 51%
HSV	29°, 46%, 66%
XYZ	26.1008, 24.8909, 13.3263
YIQ	136.6280, 36.0380, -3.3380

Conversions

Conversions Part 2

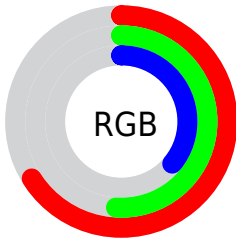
Format	Color
RYB	169, 165, 91
Decimal	11108699
CIELab	56.97, 10.47, 26.51
CIELCh	57, 28.503, 68.444
Yxy	24.8909, 0.4058, 0.3870
Android (android.graphics.Color)	4289298779 (0xFFA9815B)
YUV	136.6280, -22.4946, 28.3902
Hunter-Lab	49.8908, 6.0750, 19.0866

Details

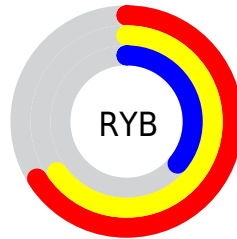
The XYZ color **26.1008, 24.8909, 13.3263** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.5918, 21.3205, 40.6187**, and the grayscale version is **23.7107, 24.9455, 27.1656**.

A 20% lighter version of the original color is **52.9745, 51.5776, 32.7546**, and **10.3935, 9.5640, 3.6811** is the 20% darker color. If you saturate the color by 10%, you get **24.3589, 22.4454, 9.5450**, and if you desaturate by 10%, it is **28.1050, 27.5981, 18.0055**.

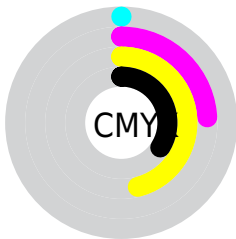
Distribution



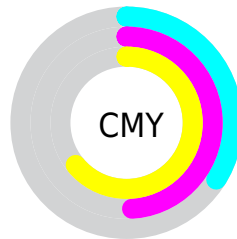
- Red (66%)
- Green (51%)
- Blue (36%)



- Red (66%)
- Yellow (65%)
- Blue (36%)



- Cyan (0%)
- Magenta (24%)
- Yellow (46%)
- Black (34%)



- Cyan (34%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1008, 24.8909, 13.3263 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.1008, 24.8909, 13.3263 by changing the saturation by 10% instead.


 26.1008, 24.8909,
13.3263


 26.1008, 24.8909,
13.3263


275.5242,
277.2942, 224.2792


 17.0321, 15.9958,
7.5203


 52.8677, 51.4802,
32.5885

 10.3529, 9.5212,
3.7062


 71.2966, 69.9431,
46.8817

 5.6976, 5.0827,
1.4656

 93.5763, 92.3642,
64.8411

 2.7010, 2.2958,
0.1921

 120.0721,
119.1277, 86.8852

 0.9977, 0.7715,
0.0000

151.1495,
150.6180, 113.4325

 0.0000, 0.0000,
0.0000

187.1737,

187.2196, 144.9016

228.5102,
229.3169, 181.7110

■ 26.1008, 24.8909,
13.3263

■ 26.1008, 24.8909,
13.3263

■ 24.3589, 22.4454,
9.5450

■ 28.1050, 27.5981,
18.0055

■ 22.8639, 20.2487,
6.6006

■ 30.3819, 30.5722,
23.6353

■ 21.6013, 18.2922,
4.4267

■ 32.9439, 33.8224,
30.2658

■ 20.5540, 16.5648,
2.9459

■ 35.8017, 37.3566,
37.9434

■ 19.6997, 15.0532,
2.0540

■ 38.9655, 41.1821,
46.7113

■ 19.4053, 14.5213,
1.7801

■ 42.4449, 45.3061,
56.6105

■ 46.2492, 49.7354,
67.6797

■ 50.3871, 54.4767,
79.9558

■ 54.8672, 59.5363,
93.4741

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.0616, 24.8909, 17.1867



26.1008, 24.8909, 13.3263



22.7261, 24.8909, 12.6595

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.1008, 24.8909, 13.3263



17.8492, 24.8909, 29.8977



27.8866, 24.8909, 44.2407

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.1008, 24.8909, 13.3263



19.5918, 21.3205, 40.6187

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.6151, 24.8909, 49.7110



26.1008, 24.8909, 13.3263



18.9696, 24.8909, 40.2437

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.1008, 24.8909, 13.3263



18.1661, 24.8909, 20.8817



21.3727, 24.8909, 48.0974



30.1584, 24.8909, 34.4490

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.1008, 24.8909, 13.3263



20.7249, 24.8909, 13.9174



21.3727, 24.8909, 48.0974



26.8556, 24.8909, 46.7396

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.1014, 24.8921, 13.3268



59.9332, 61.7387, 56.6736



24.2205, 17.5643, 23.6934



12.8417, 13.1800, 11.7669



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.1014, 24.8921, 13.3268



43.6745, 40.2688, 17.1963



32.1978, 37.0849, 15.3589



7.8215, 8.1231, 7.9449



14.5160, 10.9293, 1.3445



0.4046, 0.3687, 0.0498

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.5918, 21.3205, 40.6187



30.6003, 33.0919, 71.9997



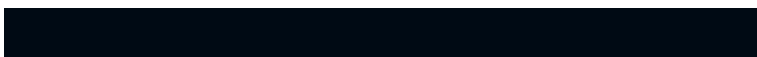
15.3292, 12.7954, 39.1979



7.4379, 7.9128, 9.5536



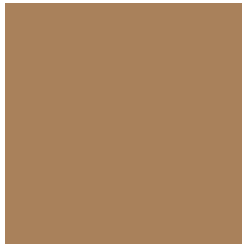
7.9107, 7.2816, 28.9640



0.2434, 0.2791, 0.7217

Previews

White Background



This preview shows how the XYZ color 26.1008, 24.8909, 13.3263 looks on a white background.

Color Contrast Check

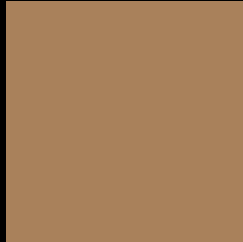
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.1008, 24.8909, 13.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

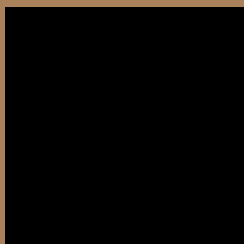
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1008, 24.8909, 13.3263

Background



This preview shows how black text looks on a background with the XYZ color 26.1008, 24.8909, 13.3263.



This preview shows how white text looks on a background with the XYZ color 26.1008, 24.8909,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.1008, 24.8909, 13.3263

Protanopia

23.1788, 24.9954, 14.1926

Deuteranopia

25.3145, 24.8804, 13.3657



Tritanopia

28.6749, 24.9930, 25.5031

Trichromacy



Original Color

26.1008, 24.8909, 13.3263

Protanomaly

24.2112, 24.9084, 13.8877

Deuteranomaly

25.5968, 24.8276, 13.3406

Tritanomaly

27.7441, 25.0004, 20.5028

Monochromacy



Original Color

26.1008, 24.8909, 13.3263

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3097, 24.7958, 21.2741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1008, 24.8909, 13.3263 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 129, 91)` looks like.

```
.text, #text, p{  
    color:rgb(169, 129, 91)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 129, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 129, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.1008, 24.8909, 13.3263 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 129, 91) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 129, 91) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 129, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 129, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 129, 91);  
box-shadow:4px 4px 4px 4px rgb(169, 129,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1008, 24.8909, 13.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 129, 91) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169,  
129, 91) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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